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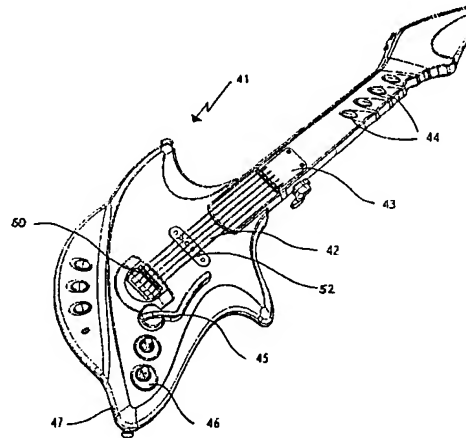
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(54) Title: DIGITAL MUSICAL INSTRUMENT SYSTEM



(57) **Abstract:** The present invention provides an interactive multimedia apparatus (1, 11, 21) comprising a digital musical instrument (3, 14, 24, 41) and having a plurality of control members (42, 44, 45, 46) including at least one limited state (on/off) control member (44) and one or more dynamic range state control members (42, 45, 46). A central control unit (2, 12, 22) is also provided having a store of digital media stored thereon and a suite of software for interpreting the state of the control members (42, 44, 45, 46) in order to select, open and render the digital media. A control unit is associated with the digital musical instrument (3, 14, 24, 41) and has a CPU and a sensing means for identifying the state of the control members (42, 44, 45, 46). The control unit has means for communicating the current state of the control members (42, 44, 45, 46) to the central control unit (2, 12, 22) and the apparatus is characterised in that the sensing means comprises a plurality of independent transducers each of which monitors the activation of a separate dynamic range state control member (42, 45, 46).

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